

AI Buddy



Getting Started Guide

Version 2.2

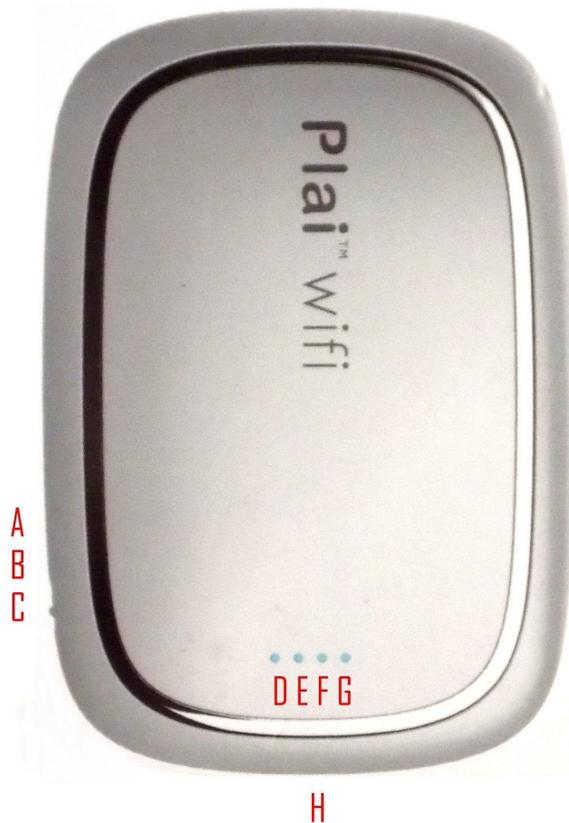
DISCLAIMER: This guide is for reference only and does not constitute any form of commitment from the provider. Products, specifications, and functionality presented in this document (including but not limited to color, size, screen display, and so forth) may differ from the actual product.

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AI Buddy Basic Settings

AI Buddy Buttons and LED Indicators



A	Reserved Button	E	Memory Card Indicator
B	Reset Button	F	AI Indicator
C	Power Button	G	WiFi Indicator
D	Power Indicator	H	Charging Port

- Power Indicator: Blinks when charging and working.
- Power 100%~76%: Blinks quickly 4 times.
- Power 75%~51%: Blinks quickly 3 times.
- Power 50%~26%: Blinks quickly twice.
- Power 25%~1%: Blinks once.
- Memory Card Indicator: Blinks 5 times when the storage drive is in use.
- AI Indicator: Flashes when executing AI function is in use by the AI Buddy app.
- WiFi Indicator: Flashes when connected to your phone or devices; lights off when not connected.

Specifications

Network	
Transmission rate:	150Mbps
Network standards	IEEE802.11b, IEEE 802.11g, IEEE 802.11n
Wireless Security	WPA-PSK/WPA2-PSK
Working frequency band / frequency	2.4GHz
Working mode	Routing mode, Wireless relay
Gateway IP address	10.10.10.254
Login	Username: <i>admin</i> Password: <i>admin</i>
Climate	
Working temperature	0°C to 40°C
Storage temperature	20°C to 35°C
Working humidity	10% to 90% RH without condensation
Storage humidity	5% to 85% RH without condensation
Physical	
Weight	50g
AI Buddy dimensions	76mm×52.2mm×16mm
Package dimensions	113mm×85mm×48mm
Electrical	
Internal battery	Lithium-ion, 3.7V/1300mAH
Charging source	DC, 5.0V/0.8A

Charging and Safety Precautions

To keep the AI Buddy from shutting down due to insufficient power, monitor the power indicator and charge the device before use.

Safety Precautions

- Using an unlicensed or incompatible battery may cause fire, explosion or other hazards.
- Charging time should not be too long. During the charging process, you should avoid using the power supply. The charging environment must meet the specifications. Otherwise, the machine may be overheat. In extreme cases, the machine may be damaged or the battery may explode.
- Use or store the device within the temperature and humidity range of the specifications. When the temperature is too high or too low, it may cause malfunction.
- Do not place the device and its battery around hot devices or areas such as sunlight, heaters, microwave ovens, ovens or water heaters. Overheating of the battery can cause an explosion.
- When charging the device, the power outlet should be installed near the device and should be easily accessible.
- Dispose of this device, battery and other accessories in accordance with local regulations. Do not dispose of them as household waste. Improper disposal of the battery can cause the battery to explode.
- Using unlicensed third-party software to upgrade the firmware and system of the device may cause malfunction of the device. We recommend you use an official online upgrade or consult a professional to get help.
- It is strictly forbidden to dismantle, modify and violently operate the machine. Maintenance and upgrade must be carried out by professionals.

Application User Guide

First Steps

Step 1. Download the AI Buddy Application to your mobile device. Find the free app at these locations.



China (Android)

Step 2. After download finishes, open the application on your device.

Step 3. Ensure that the AI Buddy device is fully charged, then turn it on.

Step 4. Use Mode A to connect the application to the AI Buddy device as described in the following section.

Connecting to the AI Buddy

There are three connection modes (A, B, and C). You must connect via Mode A before you can connect using Mode B or Mode C. Note that mobile devices may differ slightly in their mode configuration.

Mode A	Direct Connect Mode	Connects your mobile device to AI Buddy. Network connection for mobile device is lost.
Mode B	Trunk Connection Mode	Connect to WiFi to retain network when connected to AI Buddy device.
Mode C	Mobile Hotspot Connection Mode	Connect to your mobile hotspot to retain network when connected to AI Buddy (use when no WiFi is available).

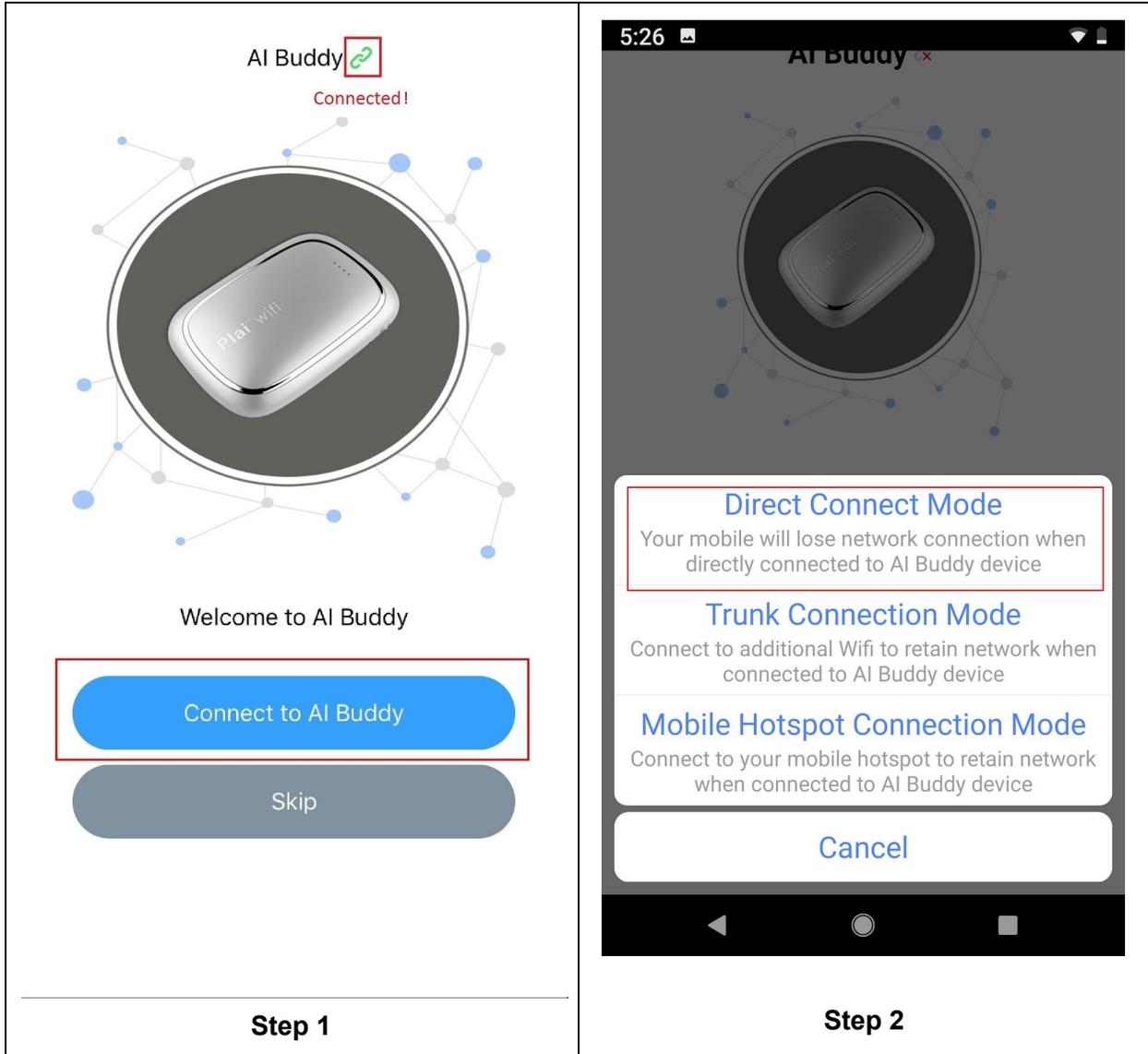
Mode A: Direct Connect Mode

Note: This mode will make your internet connection unavailable on your device (phone, tablet, etc.). The AI Buddy app will work only when the mobile device is successfully connected to the AI Buddy device.

How to Use

1. With the app open on your mobile device, select Connect to AI Buddy.
2. Select Direct Connect Mode. Note: Your app may automatically open your devices settings.

3. Choose the AI Buddy WiFi access point and enter the password (default 12345678). The SSID and password are on the back of the AI Buddy and on the package. Or you may manually select to connect to the AI Buddy WiFi access point directly from your phone Settings.
4. Return to the AI Buddy app on your mobile device.



Note: If connected through DIRECT CONNECT mode, you will only see the green chain.

Mode B: Trunk Connection Mode

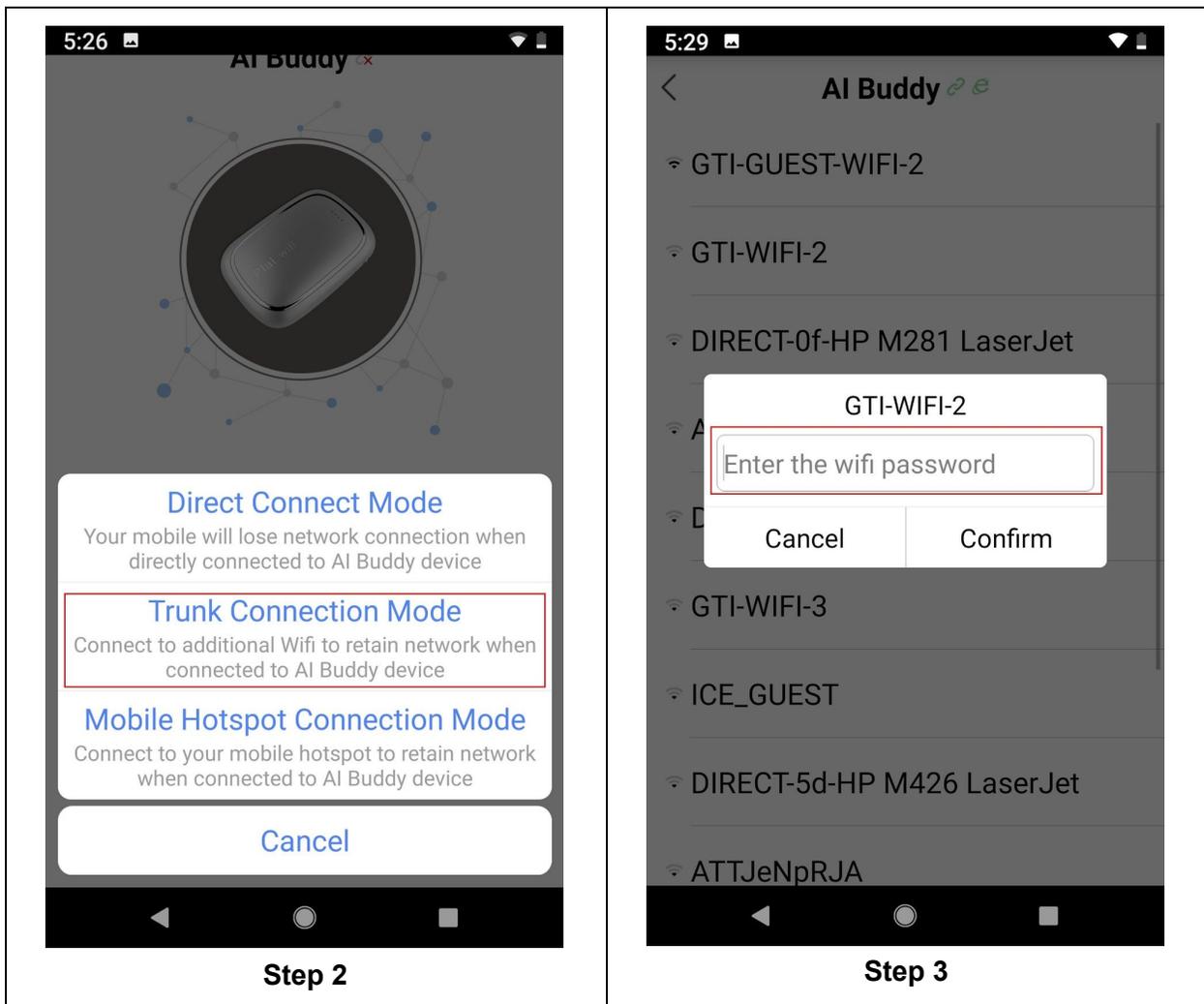
Trunk mode connects the AI Buddy to your phone and WiFi. This mode allows you to have WiFi Internet access while using the AI Buddy.

Note: Trunk mode works only on 2.4GHz networks.

How to Use

1. Connect to AI Buddy via Mode A first then return to Connect to AI Buddy.
2. Select Trunk Connection Mode.
3. Click Next.
4. Select an alternate WiFi access point and enter the WiFi access password.
5. Again, go through Mode A to directly connect to AI Buddy.

Note: Since AI Buddy needs to disconnect for a few seconds when connecting to the specified alternate WiFi network, the phone may disconnect from AI Buddy, therefore the fourth step above is necessary.



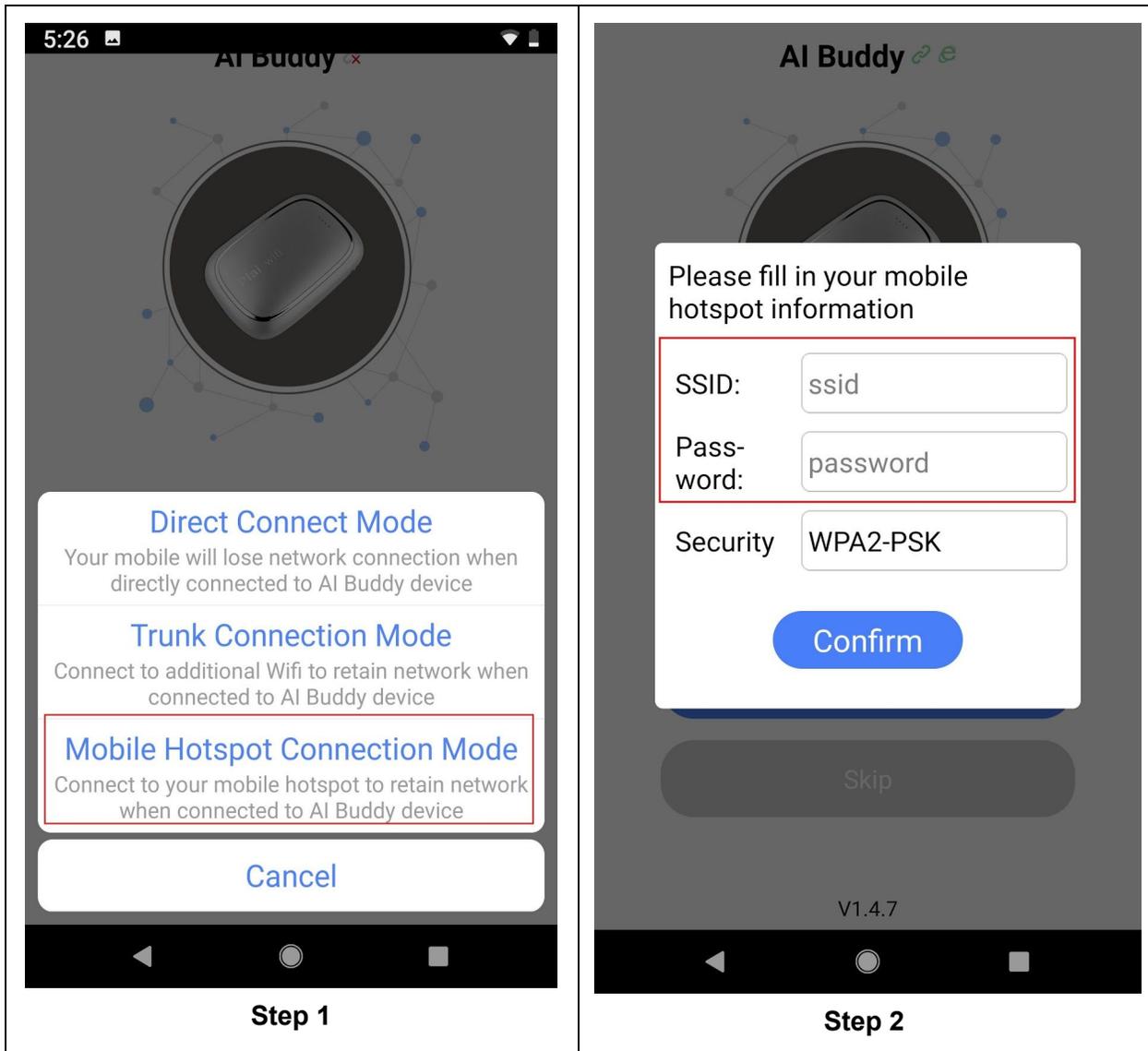
Note: If connected through TRUNK mode, you will see the green chain and “Internet Explorer” icon.

Mode C: Mobile Hotspot Connection Mode

Note: If there is no available WiFi, you can use this method to have Internet access using your mobile device as a hotspot while using AI Buddy.

How to Use

1. Connect to AI Buddy via Mode A first, then choose Mobile Hotspot Connection Mode.
2. Enter the hotspot's SSID and password to AI Buddy.
3. Manually turn on the hotspot.



Note: If connected through HOTSPOT mode, you will see the green chain and “Internet Explorer” icon.

Wireless USB Flash Drive

The wireless USB flash drive is a mobile hard drive that connects to your mobile device wirelessly and can be used to store files. You can [lock the AI Buddy](#) to ensure that the files are only accessible by you. If the AI Buddy is locked, only the authorized user will be able to view and access the stored files.

How to Use

1. Once connected, click "Upload" to select the files you want to upload to your hard Drive.
2. Long press "File List" to create a new folder, or delete the selected file.

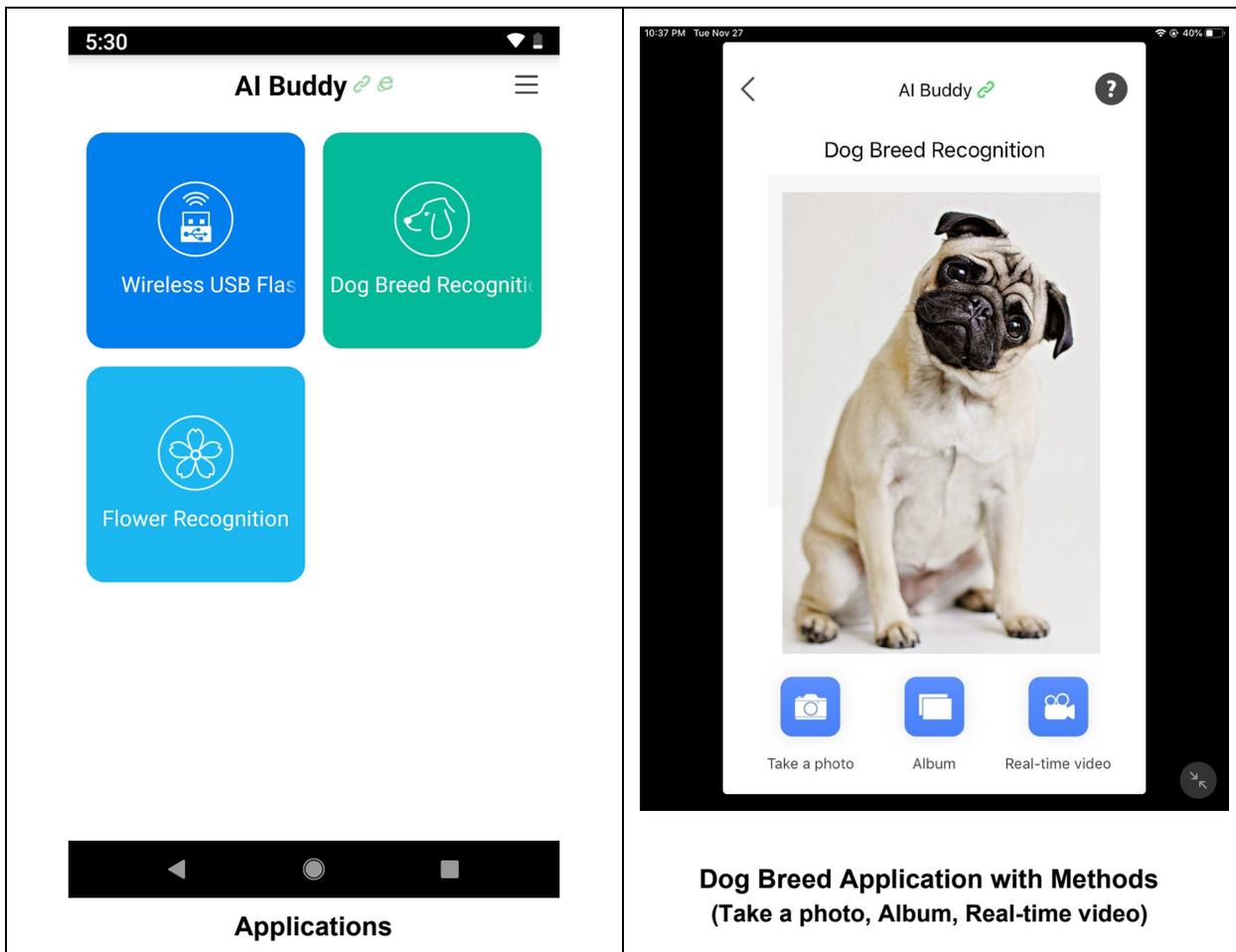
3. Long press “File List” to download the selected file. It will be stored at the “AI Buddy” subdirectory of the phone memory by default.

Note: Currently, only some common format files can be directly opened. Other file formats may need to be downloaded to the phone memory before they can be opened.

AI Sample Applications

Sample applications include dog breed recognition, flower recognition and others. Use the recognition methods to identify images from:

- Photos
- Photos in an album
- Real-time video captures



Take a Photo

Take a picture of the object you want to identify and the image will be recognized immediately.

Select from Album

Select a picture: Select a picture from the album and get the image recognized.

Capture Real-time Video

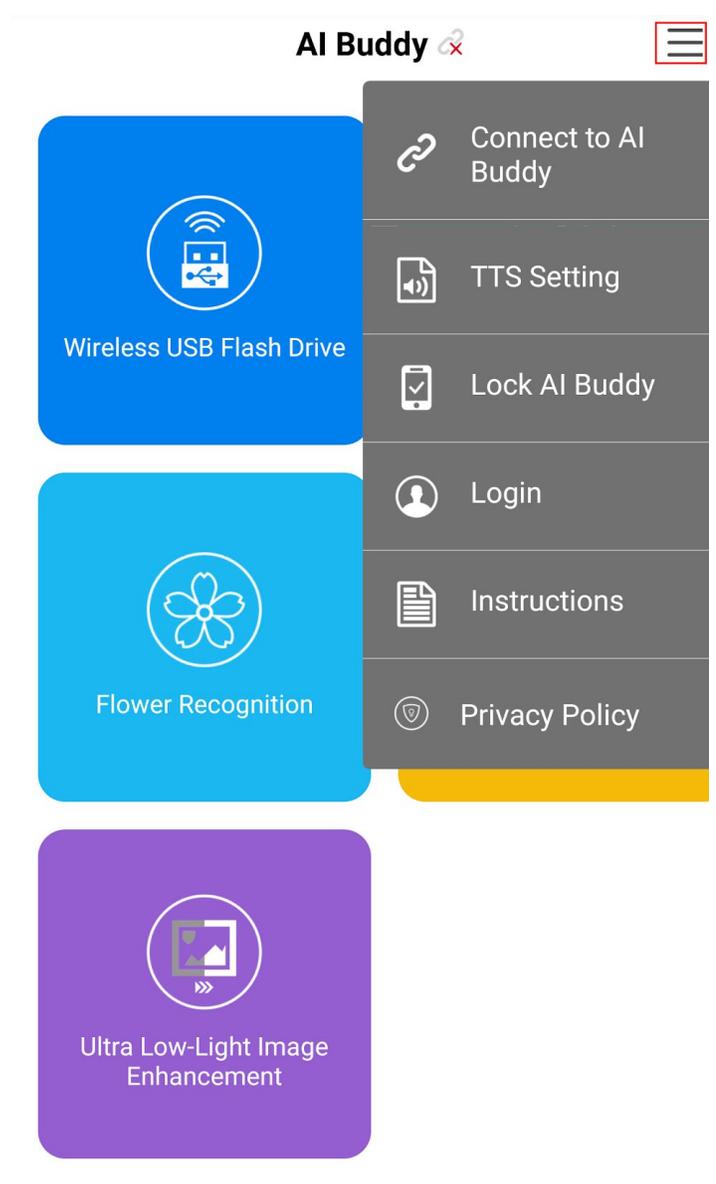
Capture real-time video and get images identified. The more angles you can capture in the video, the better the accuracy for object identification.

For example, “Dog Breed Recognition” can recognize most common breeds.

Additional Tips

- For more application description, select the icon in the sample application.
- Select “Change camera” in the real-time video option to toggle between front and rear Cameras.
- Select [Back] to stop live shooting and return to the image reselection page.

About the Application Menu Bar

<p>Connect to AI Buddy Connect to AI Buddy box using different modes</p> <p>TTS Setting Turn on/off text-to-speech reading mode.</p> <p>Lock AI Buddy Lock AI Buddy box to your account to enable file privacy and prohibit others from using all other AI Buddy app features.</p> <p>Login Log in/off from AI Buddy app. Note: You can only login when having internet access.</p> <p>Instructions Link to the AI Buddy Getting Started Guide.</p> <p>Privacy Policy Displays privacy policy.</p>	 <p>The screenshot shows the AI Buddy application interface. At the top right, the text "AI Buddy" is displayed next to a red "x" icon and a hamburger menu icon. Below this, a dark grey menu bar is open, listing several options: "Connect to AI Buddy" (with a link icon), "TTS Setting" (with a speaker icon), "Lock AI Buddy" (with a checkmark icon), "Login" (with a person icon), "Instructions" (with a document icon), and "Privacy Policy" (with a shield icon). The main content area contains three large, rounded square buttons: a blue button for "Wireless USB Flash Drive" with a wireless USB icon, a light blue button for "Flower Recognition" with a flower icon, and a purple button for "Ultra Low-Light Image Enhancement" with an image enhancement icon.</p>
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Locking/Unlocking the AI Buddy

1. Select Login from the application menu bar. Register to create an account if you have not done so. To register, you can use your email address or mobile number (only available in China).
2. Log in using the account you created.
3. Select Lock AI Buddy from the application menu bar. Lock/Unlock AI Buddy.

Note: Once your account is locked, you must sign in to the authorized account to access all the AI Buddy functions.

Work Exception Handling

Tip: If you encounter a long response time while using the AI Buddy mobile app, or if the communication connection or the AI Indicator is not functioning properly, in most cases these issues can be resolved by restarting the app or restarting the AI Buddy device. Otherwise, contact your dealer or manufacturer.